7th Grade Science

Monday- September, 19th 2011

Unit: Cells

Objective / TEK: LSM-PE.2.1.2 Gather data, based on observations of cell functions made using a microscope or on cell descriptions obtained from print material, that can be used as evidence to support the claim that there are a variety of cell types.

LSM-PE.2.1.3 Compare and contrast, using evidence of different cells and essential life functions, the various processes different cells (e.g., plant, fungi, protist, animal) use to accomplish the same life function (e.g., growing, obtaining energy).

LSM-PE2.1.4 Construct a scaled model, based on measurements, and estimates made using a microscope (when possible), that represents the relative sizes of a molecule, a bacterial cell, an animal cell and a virus.

LSM-PE2.2.1 Describe, based on observations of cells made using a microscope and on information gathered from print and electronic resources, the internal structures (and the functions of theses structures) of different cell types (e.g., amoeba, fungi, plant root, plant leaf, animal muscle, animal skin).

Lesson: Students will…..

Use their Ipad to observe cell slides

We will observe: bacterial, plant, fungi, protest, animal amoeba, plant root, plant leaf, muscle & skin cells. (Along with a Virus)

Students will sketch each of these cells

Closure:

I will show pictures of slides on the projector.

Students will be asked to recall from memory different types of cells. They will

then be asked how they recognized the cells.

Have students turn in their sketches to their folder

(this lesson is a continuation of an earlier lesson this year)